

1 WHAT IS CLAIMED IS:

2

Sub A' 1. A system for generating high-luminance windows on a display  
2 device, comprising:

3

a control device coupled to said display device for processing

4

input signals and providing said processed input signals to

5

said display device; and

6

a window generator coupled to said display device for generating

7

widow information and applying said window information to

8

said control device to generate said high-luminance

9

windows.

1

2. The system of claim 1 further comprising a limiter device coupled

2

to said display device for processing said window information to limit

3

said input signals provided to said display device.

1

3. The system of claim 2 further comprising a power supply and

2

wherein said limiter device samples said power supply to determine

3

when to limit said input signals.

~~4. The system of claim 3 further comprising a processor device~~

2 which provides control signals to said window generator, said control

3 signals including position and size information for said high-luminance

4 windows.

1 5. The system of claim 4 wherein said display device is a computer

2 monitor including a cathode ray tube which receives said processed

3 input signals.

1 6. The system of claim 5 wherein said control device is a video

2 amplifier and said input signals are video signals provided by said

3 processor device.

7. The system of claim 6 wherein said limiter device receives and

2 limits said window pulse to generate and provide an analog window

3 signal to said video ~~amplifier~~.

1 8. The system of claim 7 wherein said limiter device provides said

2 analog window signal to control a gain control of said video amplifier.

1 9. The system of claim 8 wherein said limiter device controls a beam  
2 current applied to said cathode ray tube in said display device.

Sub B2  
1 10. The system of claim 9 wherein said control signals are generated  
2 by an application program for generating high-luminance windows.

Sub A4  
1 11. A method for generating high-luminance windows on a display  
2 device, comprising the steps of:  
3 processing input signals using a control device coupled to said  
4 display device;  
5 providing said processed input signals to said display device;  
6 generating window information using a window generator coupled  
7 to said display device; and  
8 applying said window information to said control device to  
9 generate said high-luminance windows.

1 12. The method of claim 11 wherein said window information  
2 includes a window pulse, and further comprising the step of processing  
3 said window pulse to limit said input signals using a limiter device  
4 coupled to said display device.

1 13. The method of claim 12 further comprising a power supply and  
2 wherein said limiter device samples said power supply to determine  
3 when to limit said input signals.

Sub  
A 5 D 14. The method of claim 13 further comprising a processor device  
2 which provides control signals to said window generator, said control  
3 signals including position and size information for said high-luminance  
4 windows.

1 15. The method of claim 14 wherein said display device is a computer  
2 monitor including a cathode ray tube which receives said processed  
3 input signals.

1 16. The method of claim 15 wherein said control device is a video  
2 amplifier and said input signals are video signals provided by said  
3 processor device.

08900964.02239  
-55220-49600580

Sub  
A6

1 17. The method of claim 16 wherein said limiter device receives and  
2 limits said window pulse to generate and provide an analog window  
3 signal to said video amplifier.

1 18. The method of claim 17 wherein said limiter device provides said  
2 analog window signal to control a gain control of said video amplifier.

1 19. A computer-readable medium containing instructions for  
2 generating high-luminance windows on a display device by performing  
3 the steps of:

4 processing input signals using a control device coupled to said  
5 display device;

6 providing said processed input signals to said display device;

7 generating a window pulse using a window generator coupled to  
8 said display device; and

9 applying said window pulse to said control device to generate said  
10 high-luminance windows.

0890064049600680

Sub  
A6

03600964.072597  
265220.4960680

Sub  
B4

1 20. A system for generating high-luminance windows on a display  
2 device, comprising:  
3 means for processing input signals using a control device coupled  
4 to said display device;  
5 means for providing said processed input signals to said display  
6 device;  
7 means for generating a window pulse using a window generator  
8 coupled to said display device; and  
9 means for applying said window pulse to said control device to  
10 generate said high-luminance windows

Add  
A7  
add